

Abstract Submission

Abstracts for oral presentations must be submitted by February 6, 2004. Abstracts should be between 350-450 words in length, and include the presentation title, authors' names and affiliations, email, mailing address, phone number, and topic (from the list of abstract topics provided). Abstracts must be submitted in electronic format by email.

Send to:
Alina Martin
SAIC
Email: tcs-events@saic.com

Speakers will be notified by SAIC via email by mid March 2004 of acceptance.

Location and Hotel Information

The conference will be held at the following location:

The Westin City Center Dallas
650 N. Pearl Street
Dallas, TX 75201
Phone: (214) 979-9000

For information on booking reservations at the hotel under the group block, please visit www.clu-in.org.

Registration

Register on-line at:

www.clu-in.org

For additional information, please direct inquiries to:

Alina Martin
SAIC
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There is no registration fee for this conference.

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United States
Environmental Protection Agency
Technology Innovation Office (5102G)
Washington, D.C. 20460

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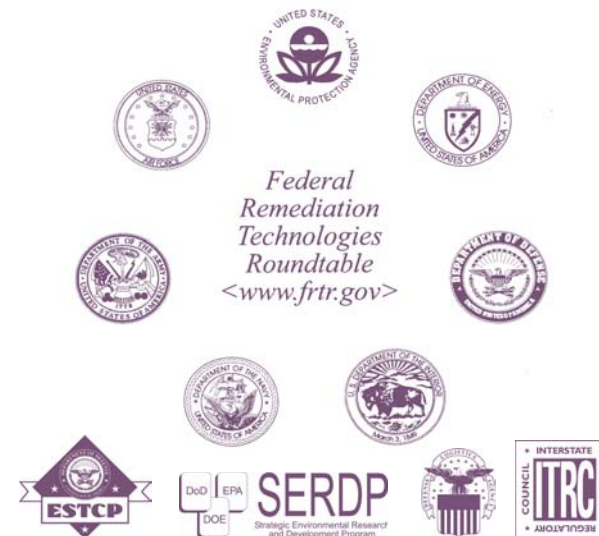
EPA/542/F-03/008

Call for Abstracts

Conference On

Accelerating Site Closeout, Improving Performance, and Reducing Costs Through Optimization

*June 15 – 17, 2004
Dallas, Texas*



Conference Goals

- Outline long-term remediation liabilities and optimization needs and opportunities
- Disseminate existing and emerging optimization strategies, technologies, tools, and science
- Communicate lessons learned. Identify technical, institutional, contractual, and other enhancements and encumbrances to achieving positive optimization results
- Present remedial optimization within the context of site wide and multi-site management programs

Who Should Attend

- Remediation program managers responsible for program planning and costs
- Public health and regulatory officials responsible for protection of public and environmental health and risk mitigation
- Remediation system operators and project managers responsible for system performance, costs, and schedule
- Optimization service developers and service providers

Participating Organizations

- Federal Remediation Technologies Roundtable (FRTR)
- U.S. Environmental Protection Agency (US EPA)
- U.S. Navy
- U.S. Department of Energy (US DOE)
- U.S. Air Force
- U.S. Army Corps of Engineers (USACE)
- Defense Logistics Agency (DLA)
- Strategic Environmental Research and Development Program (SERDP)/Environmental Security Technology Certification Program (ESTCP)
- Interstate Technology Regulatory Council (ITRC)

Suggested Abstract Topics

- Optimization Programs: Successes and Lessons Learned*
- Summaries of projects completed using established optimization programs developed by US Army Corps of Engineers, Air Force, Navy, EPA, DOE, DLA, state, and commercial firms
- Optimization With Respect to Remediation Program Strategies*
- Administrative/regulatory setting and program goals
 - Conceptual site model and exit strategies
 - Human/ecological risks
 - Technology evaluation and remedy selection
 - Remedy schedule, complexity, and design
 - Technology transfer
 - Other factors affecting successful optimization
- Optimization of Long Term Monitoring (LTM) Programs*
- Emerging monitoring, sampling, and analytical methods
 - Use of geophysical and remote sensing technologies
 - Statistical optimization of monitoring programs
 - Accelerated site evaluation strategies
 - Development of focused Data Quality Objectives (DQOs)

- Advances in Site Investigation and Remediation Technologies*
- Emerging sensor technologies
 - Application of chemical/physical remedy enhancements
 - Supervisory, Control, and Data Acquisition (SCADA) and Human Machine Interface (HMI) tools
 - Computer flow and transport modeling optimization for remediation
- Measuring Remedy Performance*
- Identifying performance metrics, and use of advanced descriptive and predictive modeling
 - Temporal and spatial analysis to quantify the effectiveness and efficiency
- Data Management and Data Evaluation Techniques*
- Use of Web-based, public access, and other IT tools
 - Standardization in data management
 - Use of decision support hardware and software
 - Advanced data visualization and evaluation methods
 - Optimizing the use of monitoring data
 - Data mining with a purpose
 - Optimizing visualization methods

- Financial and Non-Monetary Aspects of Optimization*
- Traditional and non-traditional contracting mechanisms
 - Approach for determining historical, current, and future costs
 - Application of classical reliability, QA/QC, and efficiency management tools
 - Optimization lessons learned and rules of thumb
 - The human/interpersonal factor in the optimization project
 - Optimization program spin-off values
 - Contracting for long-term O&M
- Systems Performance Assessment and Optimization*
- In-situ technologies - Soil vapor extraction, air sparging, pump and treat, free product recovery, permeable reactive barriers, bioremediation, and others
 - Ex-situ technologies - Bioreactors, air stripping, carbon adsorption, ion exchange, UV oxidation, chemical treatment, and others
- Tracking Pre-and Post-Optimization System Performance*
- Using LTM data to predict progress
 - Capture zone analysis
 - Plume evaluation and diagnostics
 - Improved methods of contouring
 - Determining target areas of capture

It is EPA's policy to make reasonable accommodation to persons with disabilities wishing to participate in the Agency's programs, pursuant to the Rehabilitation Act of 1973, 29 U.S.C. 791. Any request for accommodation should be made to Alina Martin, SAIC, at tcs-events@saic.com by Friday, May 14, 2004, so that EPA will have sufficient time to process the request.